

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

August 27, 2009

Serial No. 10/523,538
Applicant: Sunagawa, et al.
Filed: February 3, 2005
Title: ULTRA MINIATURE INTEGRATED CARDIAC
PACEMAKER AND DISTRIBUTED CARDIAC PACING
SYSTEM
Art Unit: 3762
Examiner: Kahelin, Michael William
Confirmation Number: 7543
Attorney Docket No.: KUP-6

HONORABLE COMMISSIONER OF PATENTS

Alexandria, VA 22313-1450

**AMENDMENT
AND RESPONSE**

In response to the Office Action dated June 3, 2009, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Replacement drawing pages 1, 3, 4, 5, and 8 with changes requested in the office action are submitted with this response.

Remarks/Arguments begin on page 22 of this paper.